

trisophon protect



- Burglar resistant up to P8B, suitable for WK3 systems
- Light weight
- Minimal element thickness
- Lowest U_g -values
- Low color rendering factor
- Long service life



trisophon - revolution in glass

trisophon protect - revolution in glass

Low U_g -value - high burglar resistance: trisophon combines these features in an unique product. trisophon protect: the patented multi-layer glazing system with floating Lexan®-polycarbonate panel and highest service life for your project. trisophon meets the highest expectations in terms of burglar resistance together with stunning insulation performance. trisophon is suitable for usage in emergency exit systems with panic opening units.



trisophon protect - Technical data

	tN 1.0	tN 0.7	tN 0.6	tN 0.5	tN 0.4	tN 0.3
Ug-value W/m ² K DIN EN 673	1.0	0.7	0.6	0.5	0.4	0.3
g-value % EN 410 / 13363-2	46	46	46	46	36	36
Daylight transmittance LT %	65	65	65	65	50	50
Light reflection outside L _R %	15	15	15	15	20	20
UV-transmittance %	0	0	0	0	0	0
Color rendering index Ra	98	98	98	98	*	*
IGU assembly	8/8	8/8	8/8	8/8	8/8/8/8	8/8/8/8
Element thickness mm **	36	36	36	36	66	66
Element weight per kg/m ² ***	40	40	40	40	65	65
Burglar resistant DIN EN 356	P8B	P8B	P8B	P8B	P8B	P8B
Resistance class WK3	ja	ja	ja	ja	ja	ja
Maximum size mm	2070/ 3000	2070/ 3000	2070/ 3000	2070/ 3000	2070/ 3000	2070/ 3000

* The color rendering index of this configuration has to be determined in the lab

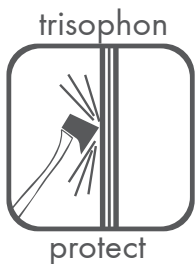
** element thickness can be reduced to 62 mm when there is only one attack side (all requirements in terms of statics must be observed)

*** Element weight can be reduced to 55 kg/m² when there is only one attack side (all requirements in terms of statics must be observed)

For tolerances in terms of dimensions and the currently available fabrication possibilities: Please refer to the current price list. The data presented here is an excerpt of the list of standard products. Further versions can be made available upon request.

The technical data specified here resemble the knowledge at the time of print. The technical data can be subject to change without notice. The technical values were either specified by the vendors of the raw materials or they were determined by independent testing organizations with respect to the applicable standards. The values specified here resemble the values as determined with the procedures and the dimensions of the specimen defined in the according standard. No further guarantee for the technical values is given, especially when measurements are done with differing installation situations or when measurements are done when the product is installed. All up to date handling and installation regulations must be definitely observed when the product is installed. trisophon is a registered trademark.

Deviations of the values concerning light and radiation transmission are possible due to the chemical composition of the glass and the fabrication process. The values take the applicable tolerances as specified in the product standards into account. The computed values do not specify any usability of the product in terms of glass assembly.



your supplier:

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